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DOCKET NO.: ISIS-5320

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re Application of:

Cook, et al.

Confirmation No.: 3921

Application No.: 10/699,240

Group Art Unit: 1656

Filing Date: October 31, 2003

Examiner: Not Yet Assigned

For: Processes For The Synthesis Of 2'-O-Substituted Pyrimidines And Oligomeric Compounds Therefrom

DATE OF DEPOSIT: December 22, 2004

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TYPED NAME: Felicity E. Groth
REGISTRATION NO.: 47,042

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2. There is an error with respect to the following data which is:
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- 2 -

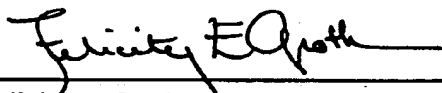
PATENT

Error in	Correct data
1. Applicant's name	1. Robert H. Springer
2. Applicant's address	2.
3. Title	3.
4. Filing Date	4.
5. Application Number	5.
6. Foreign/PCT Application Re:	6.
7. Other:	7.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.

A copy of the executed Declaration and Power of Attorney is enclosed for your convenience.

Date: December 22, 2004


Felicity E. Groth
Registration No. 47,042

Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/699,240	10/31/2003	1656	1658	ISIS-5320		55	6

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WOODCOCK WASHBURN LLP
ONE LIBERTY PLACE - 46TH FLOOR
PHILADELPHIA, PA 19103

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CONFIRMATION NO. 3921

UPDATED FILING RECEIPT



OC000000014624199

Date Mailed: 11/29/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Phillip Dan Cook, Escondido, CA;
Yogesh S. Sanghvi, Encinitas, CA;
Kelly G. Sprankle, Vista, CA;
Bruce S. Ross, Carlsbad, CA;
Rich H. Griffey, Vista, CA;

Robert H. Springer, Carlsbad, California

Power of Attorney:

Herb Boswell-27311
John Caldwell-28937
Laurel Bernstein-37280
Michael Straher-38325
Andrew Granston Jr-38473

Domestic Priority data as claimed by applicant

This application is a DIV of 09/747,009 12/22/2000 PAT 6,642,367
which is a CON of 08/894,899 01/07/1998 PAT 6,222,025
which is a 371 of PCT/US96/03174 03/06/1996
and is a CIP of 08/475,467 06/07/1995 PAT 5,760,202
which is a CIP of 08/398,901 03/06/1995 PAT 6,166,197

Foreign Applications

UNITED STATES OF AMERICA PCT/US96/03174 03/06/1996

If Required, Foreign Filing License Granted: 10/19/2004

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/699,240**

Projected Publication Date: 03/10/2005

Non-Publication Request: No

Early Publication Request: No

Title

Processes for the synthesis of 2'-O-substituted pyrimidines and oligomeric compounds therefrom

Preliminary Class

536

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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Assignee Name and Address:

ISIS Pharmaceuticals, Inc.
2292 Faraday Avenue
Carlsbad, CA 92008

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SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11-10-04
Name	Bryanne Parrish	Telephone	760 931 9200
Title	Executive Vice President + CFO		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Phillip Dan Cook, et al.

Application No./Patent No.: 10/699,240 Filed/Issue Date: October 31, 2003

Entitled: Processes for the Synthesis of 2'-O-Substituted Pyrimidines and Oligomeric Compounds Therefrom

Isis Pharmaceuticals, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
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B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Felicity E. Groth
Signature

December 21, 2004

Date

Felicity E. Groth

Printed or Typed Name

215-568-3100

Telephone Number

Registered Attorney, Reg. No. 47,042

Title

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